

Spring 2008

Dir. of Curr. + Staff Dev.  
Carol Rohrbach

relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Chemistry (Honors) may be taken concurrently first semester.

Prerequisites: A minimum final grade of "B" in Biology (Honors), a minimum final grade of "B" in Physics (Honors), a minimum final grade of "B" in Chemistry (Honors), and teacher recommendation.

## SCIENCE ELECTIVES

### **Anatomy--#1865**

(1 credit)

Anatomy deals with human anatomy and physiology with emphasis on tissue and on the muscular, digestive, circulatory, and skeletal systems. The fetal pig is used for study and dissection.

Prerequisite: A minimum final grade of "C" in Biology

### **Zoology--#1887**

(1 credit)

Zoology examines the diversity of the animal kingdom, focusing on the major groups of invertebrates and vertebrates. Animals are studied in an evolutionary context, emphasizing ecology, life history, comparative anatomy, and morphology. The laboratory component includes dissections to examine physical differences across the major phyla. The class culminates in an independent research project studying a specific animal species. Students are required to develop a presentation on their animal at the completion of the course. Prerequisite: A minimum final grade of "C" in Biology

## SOCIAL STUDIES

### *8th grade - World History I* COURSE SEQUENCE

#### ACADEMIC

Academic World History II  
Academic U.S. History I  
Academic U.S. History II  
Academic Global Studies  
Electives

#### HONORS

Honors World History II  
Honors U.S. History I  
Honors U.S. History II  
or AP U.S. History  
Honors Global Studies  
Electives

### **World History II (Academic)--#1910**

(1 credit)

World History II (Academic) resumes the story of world history begun in World History I (grade 8) by reviewing the Age of Monarchy, tracing the Age of Revolutions, and including such topics as imperialism in Africa and Asia, and the World Wars. It concludes with the early Cold War years. (Grade 9)

### **World History II (Honors)--#1915**

(1 credit)

World History II (Honors) reviews the same content as Academic World History II; however, students participate in more in-depth discussion and critical analysis of the subject matter. Extensive and challenging projects are included. (Grade 9)

Prerequisites: A final grade of "A" in World History I and teacher recommendation

**U.S. History I (Academic)--#1925****(1 credit)**

U.S. History I (Academic) focuses on eighteenth and nineteenth century United States in both chronological and thematic formats. Colonization, the Early National period, the Civil War, Western expansion, political and economic growth, and industrial development are some of the topics used to examine the formation of U.S. culture. (Grade 10)

**U.S. History I (Honors)--#1930****(1 credit)**

U.S. History I (Honors) offers in-depth coverage and sophisticated evaluation of American history. Students are required to conduct an independent study of local history and to write an analytical research paper. **Strong writing skills are necessary.** (Grade 10)

**Prerequisite: A minimum final grade of "B" in World History II (Honors) or a final grade of "A" in World History II (Academic) with teacher recommendation**

**U.S. History II (Academic)--#1940****(1 credit)**

U.S. History II (Academic) focuses on the twentieth and twenty-first centuries of United States history. The World Wars, Great Depression, post-war prosperity, Vietnam, Civil Rights movement are examined in both chronological and thematic approaches. This course includes the opportunity to conduct oral history interviews. (Grade 11)

**Prerequisite: U. S. History I**

**U.S. History II (Honors)--#1945****(1 credit)**

U. S. History II (Honors) offers challenging research projects based on the assumption that much of the core learning for the class is accomplished through independent reading. There is a heavy reliance on primary sources, critical thinking, and student output through written work and other creative outlets for the expression of informed historical opinions. (Grade 11)

**Prerequisite: A minimum final grade of "B" in U.S. History I (Honors) or an "A" in U.S. History I (Academic) with teacher recommendation**

**U.S. History (Advanced Placement)--#1960****(1 credit)**

U.S. History (Advanced Placement) offers the most rigorous level of study for U. S. History. Students hone skills in analyzing/synthesizing sources, writing, and participate in informed discussion and debate. (Grade 11)

**Prerequisites: A minimum final grade of "B" in U.S History I (Honors) and teacher recommendation**

**Global Studies (Academic)--#1977****(1 credit)**

Academic Global Studies provides students with an enhanced understanding of current world affairs. The curriculum emphasizes current political, economic, and social issues making headlines worldwide, while reviewing relevant historical events. Within the context of the course, organizations and agreements of an international nature are addressed. The course aims to reinforce a variety of oral, written, and technology-based skills students have learned over the course of their high school studies. (Grade 12)

**Global Studies (Honors)--#1979****(1 credit)**

Honors Global Studies moves at a faster pace than the academic course. It is inquiry-driven, which requires a high level of student initiative, independence, and motivation. There is an increased expectation on students to apply research skills and techniques learned throughout their high school career as they provide critical analysis of current world events through a variety of oral, written, and digital forms. (Grade 12)

**Prerequisite:** A minimum final grade of "B" in U.S History II (Honors) or a minimum final grade of "C" in Advanced Placement US History or a final grade of "A" in U.S. History II (Academic) with teacher recommendation.

**SOCIAL STUDIES ELECTIVES****Psychology (Academic)--#1980****(1 credit)**

Psychology provides students with an introduction to the study of human behavior. Content includes personality and its development, states of consciousness, the brain and nervous system, learning and memory, intelligence, sensation and perception, emotion and motivation, stress, and abnormal psychology. Study includes experiments, case studies, independent research, texts, and supplemental materials combined with an emphasis on discussion and collaboration. (Grade 11-12)

**Psychology (Advanced Placement)--#2283****(1 credit)**

Psychology (Advanced Placement) covers much of the same content as does Psychology Academic, but students may take the Advanced Placement Exam for Psychology in the spring, which demands an additional time commitment for advanced instruction and independent study. This course is also available for dual college credit in cooperation with Montgomery County Community College (MCCC requires a fee for granting college credits (Grade 11- 12).

Preference in scheduling is given to Quest 10 students, honors level seniors and juniors.

**Sociology--#1986****(.5 credit)**

Sociology introduces students to the sociological perspective and methods of investigation. Students also examine several major approaches to understanding how society functions and how individuals and groups interact, compete, and cooperate with each other. Students then apply these skills and this knowledge as they go on to examine key sociological issues including deviance, crime, violence, social class, gender, race, and death and dying. (Grades 10-12)

**WORLD LANGUAGES****French I--#1300****(1 credit)**

French I students develop basic communication skills in listening comprehension, speaking, reading, and writing in a world language. Cultural highlights are also included. Students gain the ability and confidence to communicate at a basic level.

**French II --#1305****(1 credit)**

French II provides a progressive development of the basic communication skills in listening comprehension, speaking, reading, and writing. Various cultural activities are used to increase cultural awareness. The emphasis is on proficiency.